

Proteolytic Enzymes and Their Inhibitors

Holderness School, Plymouth, NH

Conference Chairman: Peter Harpel, New York, N.Y.

Conference Vice-Chairman: Alan Barrett, Cambridge, England

June 13, 1988

Monday 9:00 a.m. Metalloproteinases: Z. Werb, discussion leader

1. C. Brenner "Metalloproteinase gene expression in early development."
2. L. Matrisian "Molecular biology of transin-stromolysin."
3. W-T. Chen "Membrane associated proteinases."

Monday 7:30 p.m. Calcium dependent proteases, and cathepsins: T. Murachi, discussion leader

4. K. Suzuki "A novel isozyme of calcium activated protease."
5. D. Goll "Regulation and function of calpain."
6. T. Hiwasa "Possible role of ras protease inhibitors in transformation"

June 14, 1988

Tues. 9:00 a.m. Proteinase Inhibitors I: D. Rifkin, discussion leader

1. B. Wiman "Plasminogen activator inhibitor and heart disease."
2. D. Belin "Control of PAI secretion in macrophages."
3. B. Knudsen "PAI in subcellular matrix."
4. P. Mignatti "Proteases and Tumor Invasion."

Tues. 7:30 p.m. Novel Enzyme Systems: E. Shaw, discussion leader

4. R. Lerner "Antibodies as enzymes."
5. E. Haber "Plasminogen activator-antibody constructs."
6. P. Harpel "Assembly of the plasmin system on IgG."

June 15

Wed. 9:00 a.m. Proteinase inhibitors II: R. Carrell, discussion leader

1. M. Courtney "Genetic engineering of α_1 -proteinase inhibitor."
2. L. Sottrup-Jensen "The family of α_2 -macroglobulins."
3. S. Pizzo " α_2 -Macroglobulin."

Wed. 7:30 p.m. Neutrophil elastase: J. Travis, discussion leader

4. G. Salvesen "Cloning of neutrophil elastase and cathepsin G."
5. D. Perlmutter "Expression of neutrophil elastase and inhibitor in monocytes."
6. J. Weitz "Neutrophil elastase activity in vivo."

June 16

Thursday 9:00 a.m. Protein C pathway: J. Griffin, discussion leader

1. C. Esmon "Protein C pathway."
2. R. Rosenberg "Structure of thrombomodulin."
3. F. Walker "Interactions between Protein S and plasma binding proteins."

Thursday 7:30 p.m. Poster discussion: A. Barrett, discussion leader

June 17

Friday 9:00 a.m. Thrombin: J. Fenton, discussion leader

1. S. Olson "Heparin-antithrombin interaction."
2. D. Carney "Mechanisms of thrombin mitogenesis."
3. P. Johnson "Cloning of Hirudin."

Abstracts of unpublished work to be submitted for selection by 30 April 1988 to Dr. P. Harpel, Cornell University Medical College, New York, NY 10021.